

<b>Operator:</b>	PNM Gas Services ( Burlington )	<b>Telephone:</b>	324-3764
<b>Address:</b>	603 W. Elm Street Farmington, NM 87401		
<b>Facility or Well Name:</b>	Hare #17		
<b>Location:</b>	Unit <u>    B    </u>	Sec <u>    15    </u>	T <u>    29N    </u> R <u>    10W    </u> County <u>    San Juan    </u>
<b>Pit Type:</b>	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other <u>                    </u>
<b>Land Type:</b>	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other <u>                    </u>

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<b>Pit Location:</b>	Pit dimensions:	length <u>    12 '    </u>	width <u>    12 '    </u>	depth <u>    2 '    </u>
(Attach diagram)	Reference:	wellhead <input checked="" type="checkbox"/>	other <u>                    </u>	
	Footage from reference:	<u>    120'    </u>		
	Direction from reference:	<u>    180    </u> Degrees	<input checked="" type="checkbox"/> East	North <input checked="" type="checkbox"/>
			<input type="checkbox"/> West	South <input type="checkbox"/>

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<b>Depth to Ground Water:</b>	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	( 0 points)	0
(Vertical distance from contaminants to seasonal high water elevation of ground water)			

<b>Wellhead Protection Area:</b>	Yes	(20 points)	
	No	( 0 points)	0
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)			

<b>Distance to Surface Water:</b>	Less than 200 feet	(20 points)	
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	( 0 points)	0
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)			

<b>RANKING SCORE (TOTAL POINTS) :</b>	0
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Hare #17

Date Remediation Started: 07/06/1999

Date Completed: 07/06/1999

Remediation Method: Excavation ☒

Approx. Cubic Yard 559

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 500

Other 59 cu yds overburden.

Remediation Location:

Onsite ☒Offsite ☐

(i.e., landfarmed onsite, name and location of offsite facility)

Backfill Material Location:

General Description of Remedial Action:

Excavated contaminated soil to a pit size of 28.5' X 26.5' X 20' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

Ground Water Encountered:

No ☒Yes ☐

Depth

Final Pit Closure Sampling:

Sample Location

5 pt. composite - bottom.

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

20'

Sample date

07/06/1999

Sample time

3:55:00 PM

Sample Results

Benzene (ppm) &lt; 0.05

Total BTEX (ppm) 2.9

Field headspace (ppm)

TPH (ppm)

39.00

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes ☐No ☒

Ground Water Sample:

Yes ☐No ☒

(If yes, see attached Groundwater Site Summary Report)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE October 28, 1999

SIGNATURE

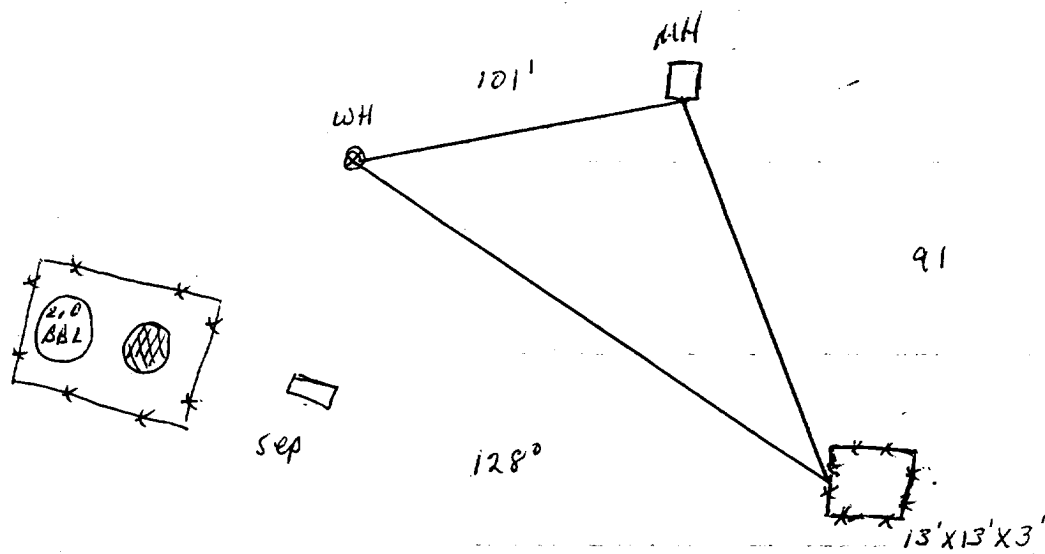
PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Have #17

(B) 15-24N-10W

Burlington

7-6-99 @ 1334

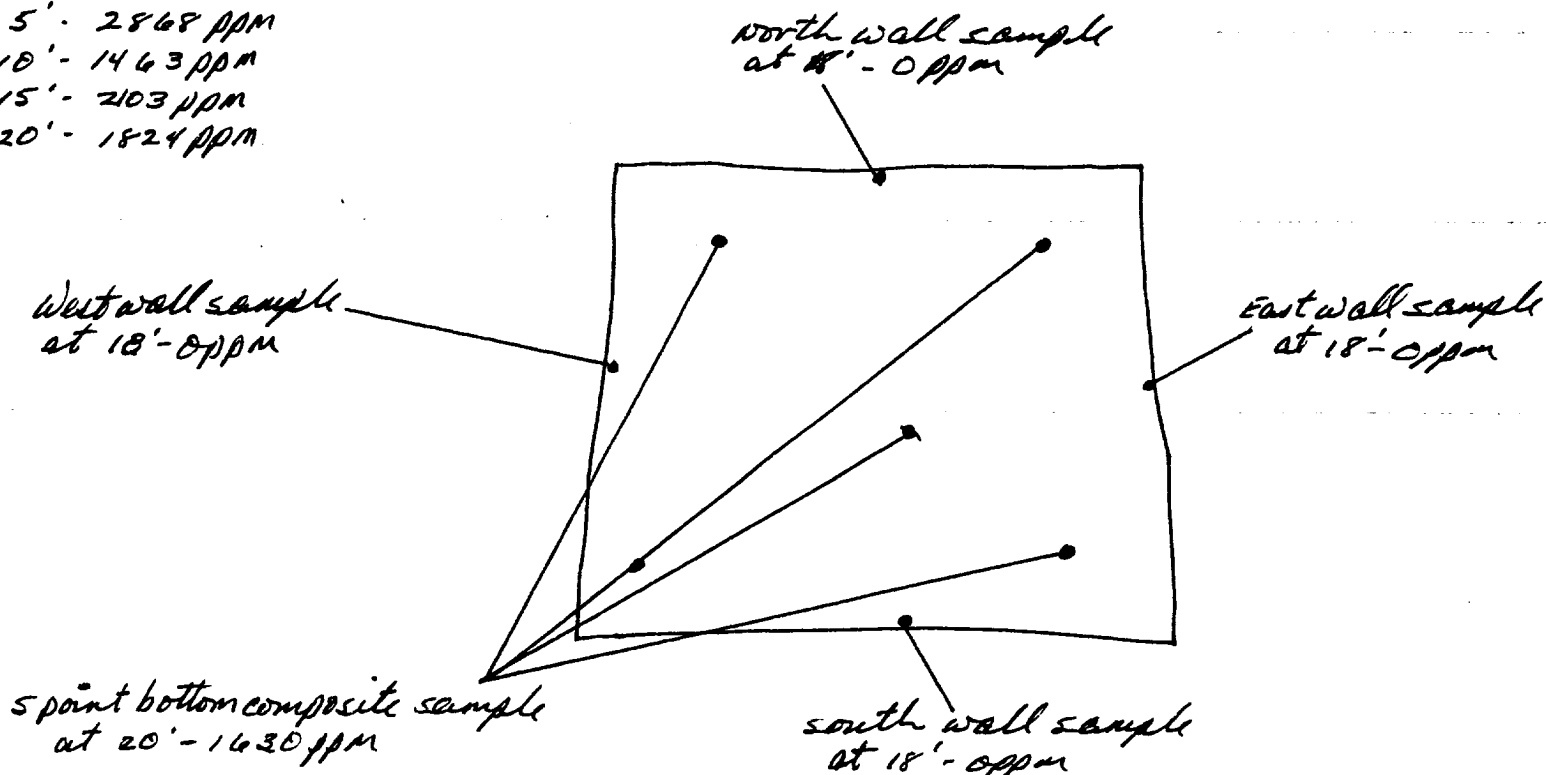


### Excavation Sampling

#### PID Readings

5' - 2868 ppm  
10' - 1463 ppm  
15' - 2103 ppm  
20' - 1824 ppm

28.5'(N+S) x 24.5'(E+W) x 20'(D)  
Field headspace: 0 ppm (walks)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 20-Jul-99

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**CLIENT:** PNM - Public Service Company of NM

**Project:** PNM Pit Remediation

**Lab Order:** 9907009

**CASE NARRATIVE**

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Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

KAY

OFF: (505) 325-5667



LAB: (505) 325-1556

# ANALYTICAL REPORT

Date: 20-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Hare #17
<b>Work Order:</b>	9907009	<b>Client Sample ID:</b>	9907061555; 5pt. Bottom Comp
<b>Lab ID:</b>	9907009-05A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	7/6/99 3:55:00 PM
		<b>COC Record:</b>	7644

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>						
		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	39	25		mg/Kg	1	7/16/99
<b>AROMATIC VOLATILES BY GC/PID</b>						
		<b>SW8021B</b>				Analyst: DC
Benzene	ND	50		µg/Kg	50	7/12/99
Toluene	170	100		µg/Kg	50	7/12/99
Ethylbenzene	210	50		µg/Kg	50	7/12/99
m,p-Xylene	2200	100		µg/Kg	50	7/12/99
o-Xylene	320	50		µg/Kg	50	7/12/99

2900  
2900ppm

<b>Qualifiers:</b>	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

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ON SITE TECHNOLOGIES, LTD. IS NOT AFFILIATED WITH THE ENVIRONMENTAL

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 20-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Hare #17
<b>Work Order:</b>	9907009	<b>Client Sample ID:</b>	9907061600; 4pt. Wall Comp
<b>Lab ID:</b>	9907009-06A	<b>Matrix:</b>	SOIL
		<b>Collection Date:</b>	7/6/99 4:00:00 PM
<b>Project:</b>	PNM Pit Remediation	<b>COC Record:</b>	7644

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/16/99

**Qualifiers:**

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
- B - Analyte detected in the associated Method Blank

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate

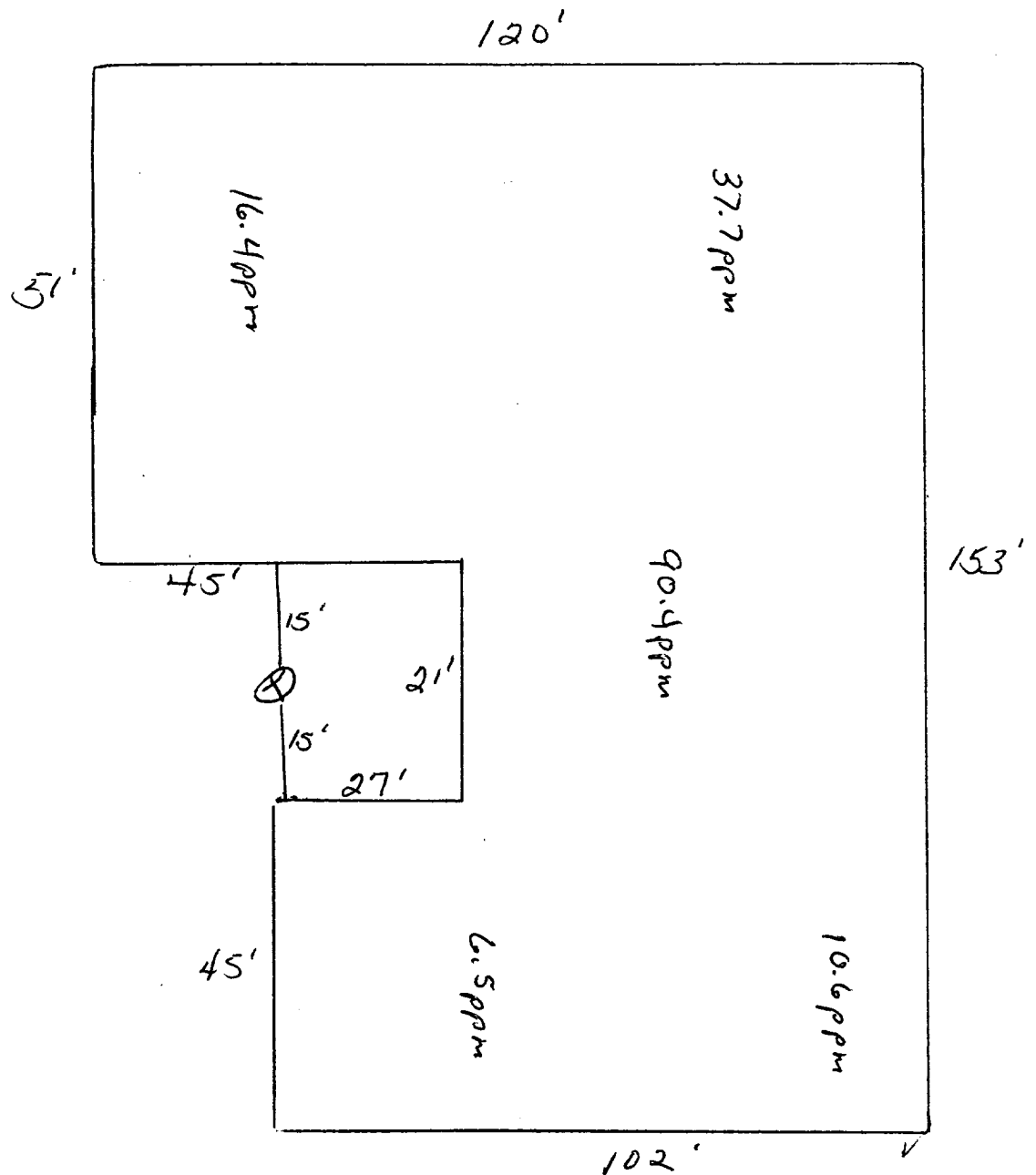
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Unit 1  
Sec. 15 T29N R10W Unit B  
Burlington

# Landfarm Drawing

App 500 cu yds



2" to 12" Depth  
Headspace 88.6 ppm  
Sample # 990720/750

Not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 23-Jul-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Grenier A-8 & Hare 17 Landfarms  
**Lab Order:** 9907050

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**CASE NARRATIVE**

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.



OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 23-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Hare 17 Landfarm
<b>Work Order:</b>	9907050	<b>Client Sample ID:</b>	9907201750; 5pt. Composite
<b>Lab ID:</b>	9907050-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Grenier A-8 & Hare 17 Landfarms	<b>Collection Date:</b>	7/20/99 5:50:00 PM
		<b>COC Record:</b>	7494

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	300	25		mg/Kg	1	7/21/99

**Qualifiers:**

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
- B - Analyte detected in the associated Method Blank

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate

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TESTING AND ANALYSIS FOR THE ENVIRONMENT